

Notice of Allowability

Application No.

10/622,545

Examiner

sang nguyen

Applicant(s)

HUANG, YI-SHIH

Art Unit

2877

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/21/03.
2. ☒ The allowed claim(s) is/are 1-7.
3. ☒ The drawings filed on 21 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

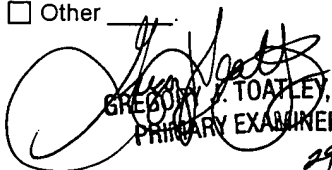
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


GREGORY J. TOATLEY, JR.
PRIMARY EXAMINER
29/12/04

DETAILED ACTION

Allowable Subject Matter

Claims 1-7 are allowed.

The following is an examiner's statement of reasons for allowance:

As to independent claim 1 is allowable over the prior art for at least the reason that the prior art of record, taken alone or in combination, fails discloses or render obvious measured method comprising all the specific elements with the specific combination step of contrasting the coordinate values of the X-axis and the Y-axis: repeating step D and E, the CPU reading the values from the linear scales of the X-axis and Y-axis again when the selected standard line flushes with a second side of the contrast image of the workpiece, and contrast the values from the linear scales of the X-axis and Y-axis in step D, wherein the first side and the second side of the contrast are opposite to each other and outputting the measure value: the measure value shown on a display panel and record in the CPU after the CPU contrasting the values from the linear scales of X-axis and Y-axis in step D and F in combination with the rest of the limitation of claim 1.

As to independent claim 3 is allowable over the prior art for at least the reason that the prior art of record, taken alone or in combination, fails discloses or render obvious measured method comprising all the specific elements with the specific combination step of contrasting the rotary value of the selected standard line: repeating step D and E, the CPU reading the rotary value of the selected standard line again when the selected standard line flushes with a second side of the contrast image of the

Art Unit: 2877

workpiece, and contrast the rotary value in step D, wherein the first side and the second side of the workpiece form an angle and outputting the measure value: the measure value shown on a display panel and record in the CPU after the CPU contrasting the rotary values in step D and F in combination with the rest of the limitation of claim 3.

As to independent claim 1 is allowable over the prior art for at least the reason that the prior art of record, taken alone or in combination, fails discloses or render obvious a length measure apparatus comprising all the specific elements with the specific combination including of a CPU in received in the base member and electrically connected to the lens set for executing a digital process to the image of the workpiece and forming a contrast image, wherein the CPU having multiple digital standard lines previously set therein, a monitor mounted on the measure apparatus and electrically connected to the CPU, wherein the monitor showing a corresponding one of the multiple standard lines of the CPU and the contrast image of the workpiece, and a rotary controller being provide to circularly the standard lines relative to the contrast image in combination with the rest of the limitation of claim 5.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Sang Nguyen whose telephone number (571)-

Art Unit: 2877

272-2425. The Examiner can normally be reached on Monday through Friday From 9:30 AM to 6:30 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Mr. Gregory J. Toatley, Jr., can be reached on (571) 272-2800 ext. 77. The fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SN

Nguyen/sn

November 26, 2004


Gregory J. Toatley, Jr.
Supervisory Patent Examiner
Art Unit 2877
Technology Center 2800